

**Active glass-break detector
MAGS-S**

Art. No. Color sensor
100091603 **White**
VdS class C (G 188149)

The active glass-break detector MAGS-S is used as a surface detector for monitoring glass surfaces, e. g. windows and glass doors, made of standard or laminated glass, with wire inlay or splinter protection foil as well as safety glass - with or without tempering. The detector comprises 2 sensor elements (transmitter and receiver) and the evaluation unit. Piezo transmitter element sends vibrations through the glass surface, they are received by the Piezo receiver unit and then evaluated by the evaluation unit by measuring the frequency of the intervals and the reflection. An LED with memory function indicates when the glass-break detector is triggered.

- Automatic self-adjustment
- Self-learning adjustment
- High reliability through intelligent evaluation of the reception signal
- Self-monitoring of the bonding surface as well as of the sensor lines, the operating voltage and the internal functions.
- Application of the modules for all kinds of glass
- Monitored glass area of up to 25 m² (up to 14 m² for laminated or bullet-proof glass)
- Environmental class compliant with VdS 2110 class II (evaluation unit)
- Environmental class compliant with VdS 2110 class III (sensors)
- Operating temperature -10 °C to +75 °C (evaluation unit)
- Operating temperature -40 °C to +85 °C (sensors)
- Degree of protection IP31 (evaluation unit)
- Cable length of sensor element 10 m
- Dimensions of evaluation unit (WxHxD) 110x90x30 mm
- Dimensions of sensor element (ØxH) 14x6 mm
- Color White (evaluation unit)
- Current consumption approx. 18 mA
- Supply voltage 10.4 V DC to 15 V DC

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In jeweler stores, by watchmakers and similar premises, can only be used under certain conditions!

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100091408 Glue with activator, Loctite 319 + 7649